

Short CV Format

Name:	Samia William Abdel Sayed	Photo 
Date of Birth:	7/1/1961	
Last University Degree – Faculty - University – Country - Graduation Date	Ph.D., Zoology (Parasitology) 1999, Faculty of Science, Ain Shams University.	
Affiliation:	Professor of parasitology, parasitology department, Theodor Bilharz Research Institute,(TBRI)	
Current Position:	Professor of parasitology, parasitology department, TBRI from 2011 till now.	
Contact information:	E-mail: samiaw2006@yahoo.com Tel.: 01274774689	
Experience and Research interest:	<p>Professor of Parasitology, she conducted several research studies in evaluating several antischistosomal drugs and spearheaded many research teams since joining TBRI in evaluation of the antischistosomal activity (in vivo) and. In vitro culture assays for the effect of new drugs (synthetic & natural) on schistosome worms, in performing worm muscle tension, isotopic estimation of calcium uptake and Transmission & Scanning electron Microscopy. She has shared and worked in eight research projects sponsored by international and national agencies, published more than 32 research articles in peer reviewed international journals and supervised four M.Sc. and three Ph.D thesis.</p> <p>The identification of parasitic ova, larvae and worm in stool samples. Complete urine analysis, concentration techniques for ova count Nucleopore filtration of urine for <i>S.heamatobium</i>, Kato technique for stool for <i>S.manson</i></p> <p>Immunolocalization of Circulating Schistosome Antigens During Different Stages of Experimental infection.</p> <p>Maintenance of schistosomes life cycle which includes: breeding of <i>Biomphalaria alexandrina</i> and <i>Bulinus truncatus</i> snails. Hatching of <i>S.mansoni</i> and <i>S.haematobium</i> ova to give miracidia. Infection of snails to obtain cercariae. Experience in animal infection (tail immersion, subcutaneous injection and skin infection), dissection and giving treatment either by injection or esophageal tube.</p> <p>Perfusion to collect schistosomules from liver or lung, Perfusion to collect adult worms. Ova count in tissues (liver and intestine). Oogram of small intestine for counting the percentage of immature stages.</p>	
Best Five Relevant Publications and/or granted patents		
<i>Authors (underline your name), year, title, Journal, vol. and pages</i>		
The phosphodiesterase-4 inhibitor roflumilast impacts <i>Schistosoma mansoni</i> ovipositing <i>in vitro</i> but displays only modest antischistosomal activity <i>in vivo</i>		
Sanaa S. Botrosa, Naglaa M. El-Lakkanya, Sayed H. Seif el-Dina, <u>Samia William</u> b, Abdel-Nasser Sabraa, Olfat A. Hammamc, Harry P. de Koningd,*		
Experimental Parasitology 208 (2020) 107793		
journal homepage: www.elsevier.com/locate/yexpr		

Deciphering the enzymatic target of a new family of antischistosomal agents bearing a quinazoline scaffold using complementary computational tools.

Victor Sebastian-Perez, Alfonso García-Rubia, Sayed H. Seif el-Din, Abdel-Nasser A. Sabra, Naglaa M. El-Lakkany, **Samia William**, Tom L. Blundell, Louis Maes, Ana Martinez, Nuria E. Campillo, Sanaa S. Botros & Carmen Gil

Journal of Enzyme Inhibition and Medicinal Chemistry

Volume 35, 2020 - Issue 1

ISSN: 1475-6366 (Print) 1475-6374 (Online) Journal homepage:
<https://www.tandfonline.com/loi/ienz20>.

Screening of a PDE-focused library identifies imidazoles with in vitro and in vivo antischistosomal activity.

Sanaa S. Botros, **Samia William**, Abdel-Nasser A. Sabra, Naglaa M. El-Lakkany, Sayed H. Seif el-Dina, Alfonso García-Rubiac, Victor Sebastián-Pérezc, Antoni R. Blaazerd, Erik de Heuveld, Maarten Sijmd, Yang Zhengd, Irene G. Saladoe, Jane C. Mundayf, Louis Maese, Iwan J.P. de Eschd, Geert J. Sterkd, Koen Augustynse, Rob Leursd, Carmen Gilc Harry P. De Koningf,*

IJP: Drugs and Drug Resistance 9 (2019) 35–43.

journal homepage: www.elsevier.com/locate/ijpddr

A novel praziquantel solid lipid nanoparticle formulation shows enhanced bioavailability and antischistosomal efficacy against murine *S.mansoni* infection

Amr Radwan1* , Naglaa M. El-Lakkany2, **Samia William**3, Gina S. El-Feky4, Muhammad Y. Al-Shorbagy5,6, Samira Saleh5 and Sanaa Botros2

Parasites & Vectors (2019) 12:304

<https://doi.org/10.1186/s13071-019-3563>.

Journal of Helminthology cambridge.org/jhl Research Paper

Sarhan RM, Thabet HS, Nazeer JT, **William S** (2019). The impact of cinnarizine and griseofulvin on juvenile and adult stages of *Schistosoma mansoni*.

Journal of Helminthology 1–8. <https://doi.org/10.1017/S0022149X19000178>

Stability and reproductive fitness of *Schistosoma mansoni* isolates with decreased sensitivity to praziquantel

S William, A Sabra, F Ramzy, M Mousa, Z Demerdash, JL Bennett, TA Day, S Botros

2001/8/1 International Journal for Parasitology, 31,10, 1093-1100

Other information: